

Message

From: Kay, Robert [rtkay@usgs.gov]
Sent: 3/7/2016 5:35:23 PM
To: Nordine, John [nordine.john@epa.gov]
Subject: Re: FW: Response to Comment on January 2016 Monthly Progress Report

John--sorry for the delay getting back to you. just got back from vacation.

Techalloy needs to identify what they use to cool the samples.

i have never heard of a sample freezing in the cooler due to contact with regular ice (frozen water). If the sample bottles are freezing and regular ice is the coolant it is almost certain the freezing is because the samples are being exposed to sub-freezing atmospheric temperatures for a long enough period to freeze one or more of the sample vials. if this is what's going on, Techalloy needs to alter their sample handling procedures. note that if the samples are being exposed to the atmospheric conditions long enough to freeze in the winter, they are likely being exposed to the atmosphere long enough to heat up in the summer-with or without ice in the cooler.

if Techalloy uses DRY ICE to cool their samples freezing a sample is possible. if Techalloy uses dry ice to cool their samples additional packing material around the samples to physically separate them from the dry ice should work, but it may be easier to just use regular ice (in baggies) in the coolers.

On Thu, Feb 25, 2016 at 1:22 PM, Nordine, John <nordine.john@epa.gov> wrote:

Hi Bob,

It sounds like a good explanation and path forward. Anything to add?

Respectfully,

John Nordine, CPG, LPG
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 RCRA Corrective Action Section
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"The great end of education is to discipline rather than finish the mind; to train it to use of its own powers rather than to fill it with the accumulation of others." Tryon Edwards
 "Don't interfere with anything in the Constitution. That must be maintained, for it is the only safeguard of our liberties" Abraham Lincoln

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From: Gerry Ruopp [mailto:gerry.ruopp@centralwire.com]
Sent: Thursday, February 25, 2016 12:16 PM
To: Nordine, John <nordine.john@epa.gov>
Cc: Jack Thorsen <jack@autumnwoodesh.com>; Robert Johnson <robert.johnson@centralwire.com>
Subject: Response to Comment on January 2016 Monthly Progress Report

John –

Attached is our response to your comment on the January 2016 Monthly Progress Report regarding the broken sample vial.

Regards,

Gerry Ruopp

Central Wire

Union, IL

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